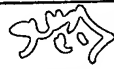


a1  
now abandoned; which was a continuation of application Serial No. 08/097,808, filed on July 27, 1993, now abandoned; which was a divisional of co-pending application Serial No. 07/980,128, filed on November 23, 1992, now abandoned; which was a continuation of application Serial No. 07/803,920, filed on December 6, 1991, now abandoned; which was a continuation of application Serial No. 07/356,599, filed on May 24, 1989, now abandoned; which was a continuation of application Serial No. 06/904,572, filed on September 5, 1986, now abandoned; which was a continuation-in-part of application Serial No. 06/808,129, filed on December 12, 1985, now abandoned.

On page 3, line 20, please insert the following:

 FIGURE 5 is a table showing the nucleotide sequence of plasmid pEW3 encoding chimeric toxin.


 FIGURE 6 is a table showing the deduced amino acid sequence of chimeric toxin produced by plasmid pEW3.

FIGURE 7 is a table showing the nucleotide sequence of plasmid pEW4 encoding chimeric toxin.

FIGURE 8 is a table showing deduced amino acid sequence of chimeric toxin produced by plasmid pEW4.

FIGURE 9 is a table showing nucleotide sequence of plasmid pACB-1 encoding chimeric toxin ACB-1.

FIGURE 10 is a table showing deduced amino acid sequence of chimeric toxin ACB-1.

FIGURE 11 is a table showing nucleotide sequence of plasmid pSYW1 encoding chimeric toxin SYW1.

FIGURE 12 is a table showing deduced amino acid sequence of chimeric toxin SYW1.

On Page 3, line 21, before "Detailed Disclosure of the Invention" insert the following:

Brief Description of the Sequences

a3  
SEQ ID NO. 1 is the nucleotide sequence of plasmid pEW3 encoding the chimeric toxin.

SEQ ID NO. 2 is the deduced amino acid sequence of the chimeric toxin encoded by the nucleotide sequence of SEQ ID NO: 1.

SEQ ID NO. 3 is the nucleotide sequence of plasmid pEW4 encoding the chimeric toxin.

SEQ ID NO. 4 is the deduced amino acid sequence of the chimeric toxin encoded by the nucleotide sequence of SEQ ID NO: 3.

SEQ ID NO. 5 is the nucleotide sequence of plasmid pACB-1 encoding the chimeric toxin ACB-1.

SEQ ID NO. 6 is the deduced amino acid sequence of the chimeric toxin encoded by the nucleotide sequence of SEQ ID NO: 5.

SEQ ID NO. 7 is the nucleotide sequence of plasmid pSYW1 encoding chimeric toxin SYW1.

SEQ ID NO. 8 is the deduced amino acid sequence of the chimeric toxin encoded by the nucleotide sequence of SEQ ID NO: 7.

SEQ ID NO. 9 is the 151 bp synthetic DNA used to replace the 151 bp *AccI*/*Sac I* fragment from pEW3, which caused a conversion of the Asp to Asn at position 411, and Gln to Glu at position 425 of pEW3.--

Please substitute the paragraph found on page 22, lines 12-25 of the specification with the following paragraph:

Plasmid pEW3, NRRL B-18034, was modified by altering the coding sequence for the toxin. The 151 bp DNA fragment bounded by the *AccI* restriction site at nucleotide residue 1199 in the coding sequence, and the *SacI* restriction site at residue 1350 were removed by digestion with the indicated restriction endonucleases using standard procedures. The removed 151 bp DNA fragment was replaced with the following synthetic DNA oligomer by standard procedures:

A TAC AGA AAA AGC GGA ACG GTA GAT TCG CTG AAT GAA  
ATA CCG CCA CAG AAT AAC AAC GTG CCC CCG AGG CAA  
GAA TTT AGT CAT CGA TTA AGC CAT GTT TCA ATG TTT  
AGA TCT GGC TTT AGT AAT AGT AGT GTA AGT ATA ATA